Recombinant Rat Sirt6 protein, His-tagged

Cat. No. Sirt6-1382R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Sirt6 aa. (Asn88~Pro288 (Accession # Q4FZY2) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asn88~Pro288
Form	Freeze-dried powder
Molecular Mass	25kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.8.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

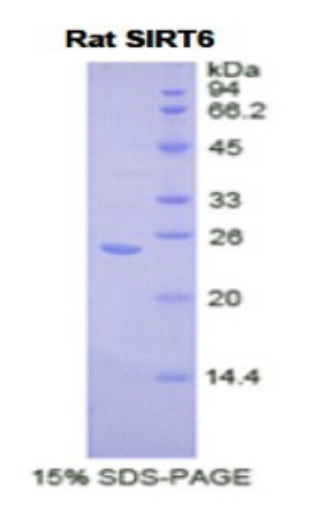
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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Sirt6 sirtuin 6 [Rattus norvegicus (Norway rat)]
Official Symbol	Sirt6
Synonyms	Sirt6; sirtuin 6; NAD-dependent protein deacetylase sirtuin-6; NAD-dependent deacetylase sirtuin-6
Gene ID	299638
mRNA Refseq	NM_001031649.1
Protein Refseq	NP_001026819.1
UniProt ID	Q4FZY2

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SDS-PAGE	

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